


Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Cream/Lotion	Sun Care	Moisturization Anti-Aging Sun protection	All	Cold Process	Water Resistant Organic Sunscreen

Key Ingredients

Trade Name	INCI Name	Wt%
PHASE A		
CapSol™ (Botaneco)	<i>Carthamus Tinctorius</i> (Safflower) Oleosomes (and) <i>Carthamus Tinctorius</i> (Safflower) Seedcake Extract	11.70
OMC	Ethylhexyl Methoxycinnamate	7.50
PHASE B		
Avobenzone	Butyl Methoxydibenzoylmethane	2.50
Finsolv PG-22	VP/Hexadecene Copolymer	5.40
PHASE C		
Water		70.40
PHASE D		
Preservative		1.00
PHASE E		
Aristoflex AVC	Ammonium Acryloyldimethyltaurate/VP Copolymer	1.50
		100.00

Procedure

1. Add CapSol to main beaker and slowly add OMC with mixing at 400 rpm for 20 minutes until uniform
2. Combine Phase B and begin mixing/heating to 45-50°C until uniform. Cool to room temperature.
3. Add Phase B to Phase A and mix until uniform.
4. Add Phase C, increasing speed to 700 rpm and allow to mix for 10 minutes until uniform.
5. Add Phase D, mixing until uniform.
6. Add Phase E, dispersing polymer with propeller, then sweep to finish, mixing until uniform. Adjust Ph TO 5.5-6.0 with NaOH solution.

Sales & Technical Support

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